

FIG. 1

SOY ISOLATE

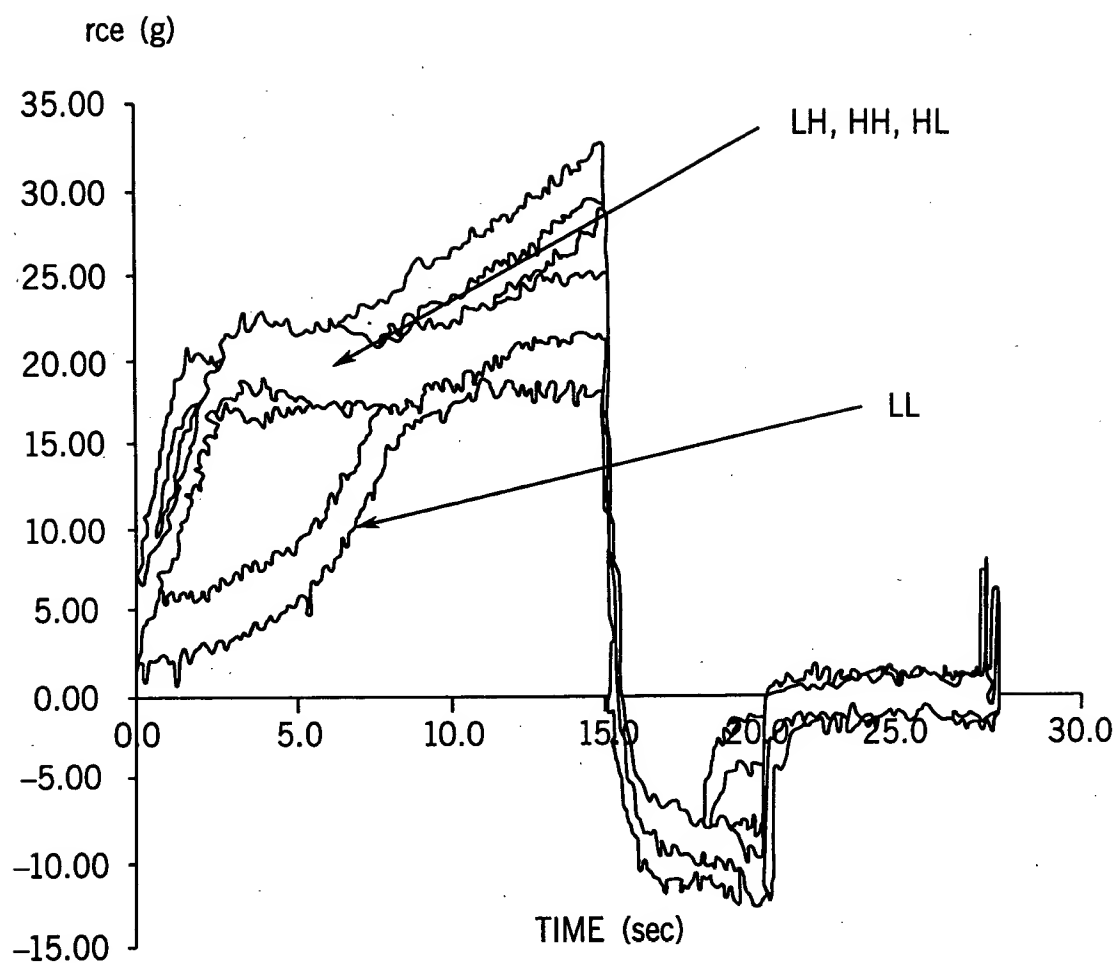


FIG. 2

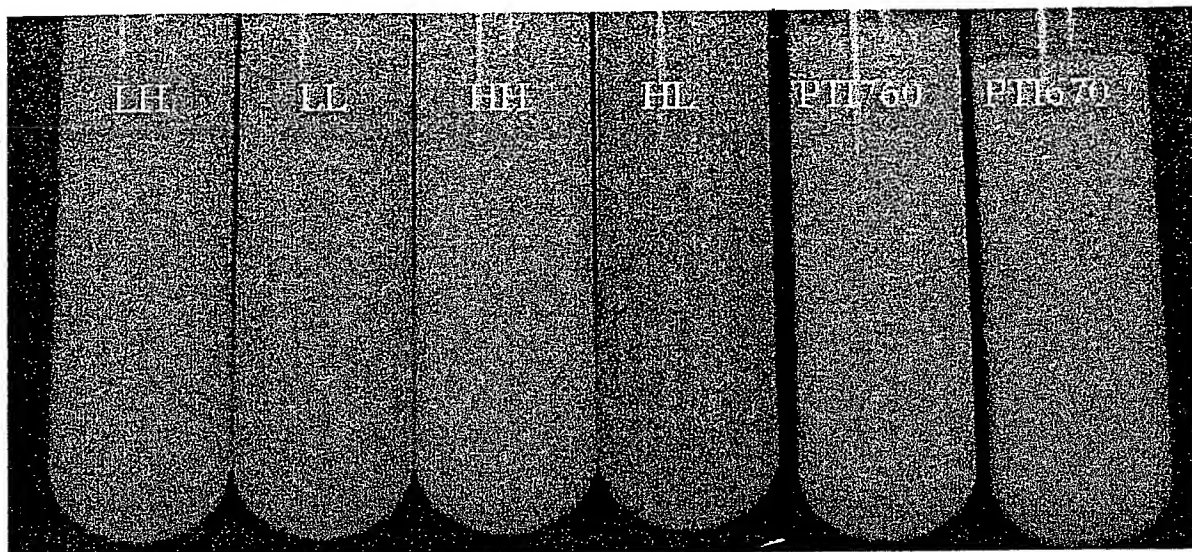


Figure 3

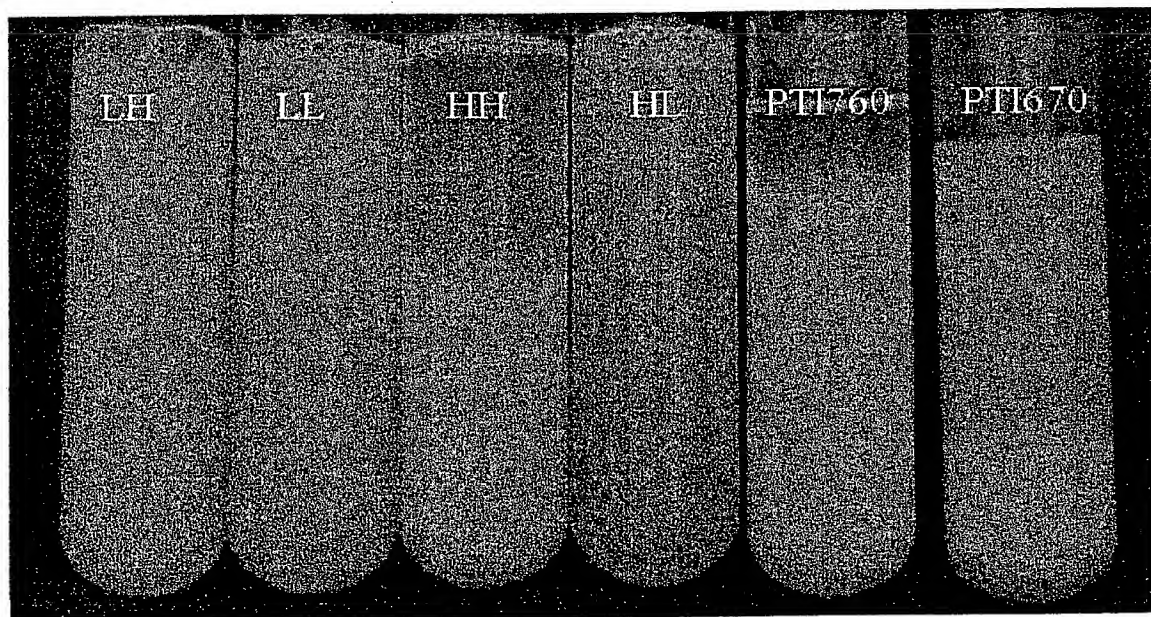


Figure 4

The chromatogram displays detector response over a 70-minute period. The baseline is stable at approximately 0.000 until 20 minutes. A series of peaks follows, with the highest peak reaching nearly 0.030 at approximately 24 minutes. Subsequent peaks are observed at roughly 26, 34, 47, 55, and 62 minutes, with heights ranging from about 0.010 to 0.025. The signal returns to the baseline by 70 minutes.

Time (minutes)	Detector Response (approx.)
0.00	0.000
10.00	0.000
20.00	0.000
24.00	0.030
26.00	0.027
30.00	0.004
34.00	0.015
38.00	0.004
47.00	0.019
49.00	0.030
55.00	0.028
62.00	0.025
70.00	0.000

The chromatogram displays detector response over a 75-minute period. The baseline starts near 0.000, dips to approximately -0.0025 by 20 minutes, and then rises to a plateau around -0.0015 after 40 minutes. Significant peaks are observed at approximately 24 minutes (response ~0.0055), 43 minutes (response ~0.0045), and 47 minutes (response ~0.0068). Following the 47-minute peak, the signal drops and exhibits several smaller, irregular peaks between 50 and 65 minutes, before settling back to the baseline level of -0.0015.

FIG. 6

HEAT FLOW ENDO UP (mW)

PEAK=82.200°C  
AREA=5.410 mJ  
DELTA H=0.975 J/g

PEAK=83.166°C  
AREA=5.274 mJ  
DELTA H=0.933 J/g

TEMPERATURE (°C)

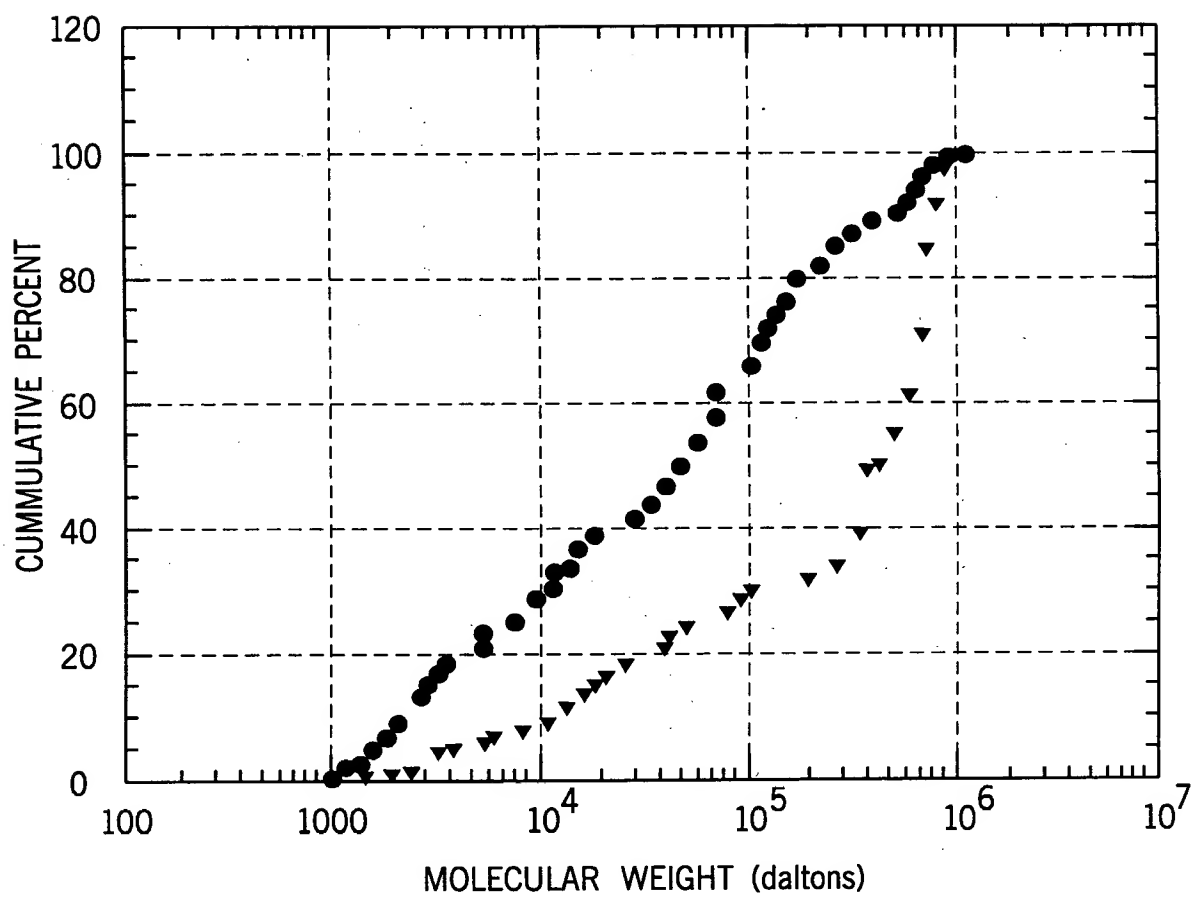
PEAK=94.366 °C  
AREA=51.232mJ  
DELTA H=8972 J/g

PEAK=94.200 °C  
AREA=48.319 mJ  
DELTA H=9.512 J/g

HEAT FLOW ENDO UP (mW)

TEMPERATURE (°C)

FIG. 8



- SUPRO425
- ▼ EXAMPLE 6

FIG. 9

Graph showing Viscosity (cP) and Temperature (°C) versus Time (mins) for the curing of 100% DGEBA. The temperature curve (right y-axis) rises from 45°C to a peak of 90°C at 5.5 minutes, then drops to 60°C by 10 minutes and remains stable. The viscosity curve (left y-axis) starts at 1000 cP, rises to a peak of 6000 cP at 5.5 minutes, then drops sharply to 1000 cP by 7 minutes, and remains stable thereafter.

Time (mins)	Viscosity (cP)	Temperature (°C)
0	1200	48
1	1500	55
2	2500	65
3	3500	75
4	5000	85
5	6200	88
6	6100	88
7	6100	88
8	4500	80
9	2500	65
10	1000	48
11	1000	48
12	1000	48
13	1000	48

FIG. 11

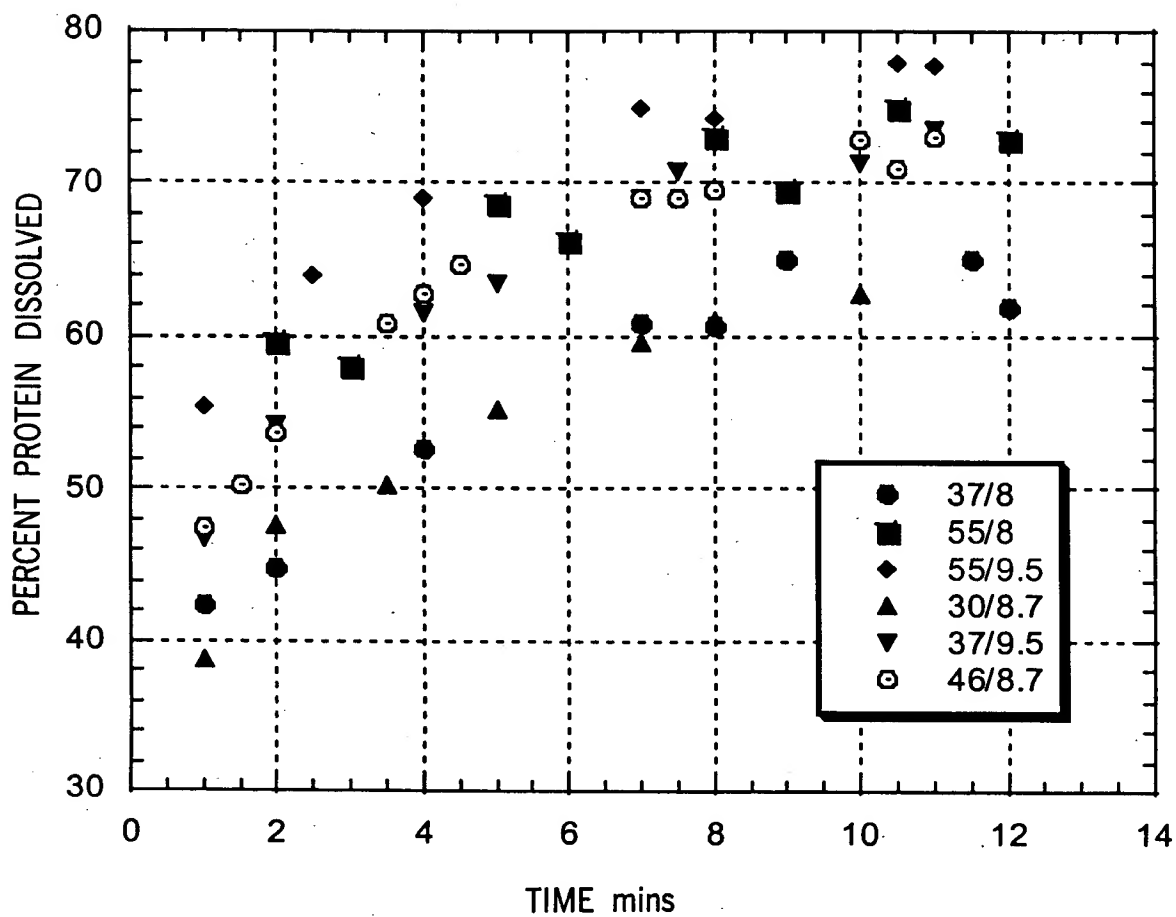


FIG. 12